



RE: 5-24-11 United Oil Recovery Services TOSCA Visit
David Weber to: Paul Novak

06/06/2011 02:36 PM

History: This message has been forwarded.

1 attachment



K 290 Flocculant.pdf

Paul:

Attached for your files. Thanks

-----Original Message-----

From: Novak.Paul@epamail.epa.gov [mailto:Novak.Paul@epamail.epa.gov]
Sent: Monday, June 06, 2011 8:58 AM
To: Weber, David
Subject: RE: 5-24-11 United Oil Recovery Services TOSCA Visit

David:

That's good to know, that cell phone is shared amongst our staff, and isn't assigned to me. Sorry we missed connections there. Our chemist just talked to me and asked if we could get the name of or the MSDS sheet for the polymer that your firm uses for waste water treatment.

Paul J. Novak, Jr.
U. S. EPA - Cleveland Office
25089 Center Ridge Road
Westlake, Ohio 44145
Ph. (440) 250-1714
Fax (440) 250-1750

From: David Weber <dweber@teamusi.com>
To: Paul Novak/R5/USEPA/US@EPA
Date: 06/06/2011 08:35 AM
Subject: RE: 5-24-11 United Oil Recovery Services TOSCA Visit

Thanks Paul.

I left it on your cell phone as I received the number from your home office secretary. Thanks

-----Original Message-----

From: Novak.Paul@epamail.epa.gov [mailto:Novak.Paul@epamail.epa.gov]
Sent: Monday, June 06, 2011 8:34 AM

To: Weber, David

Subject: Re: 5-24-11 United Oil Recovery Services TOSCA Visit

David:

My voice mail here had no messages on it, but the time we recorded for S03, the sample from the holding tank to the City sewer was 1602 hours.

Paul J. Novak, Jr.

U. S. EPA - Cleveland Office

25089 Center Ridge Road

Westlake, Ohio 44145

Ph. (440) 250-1714

Fax (440) 250-1750

ASHLAND

SAFETY DATA SHEET

Page: 1

Revision Date: 04/25/2011

Print Date: 5/3/2011

MSDS Number: R0557329

Version: 1.16

Praestol™ K 290 FL FLOCCULANT
™ Trademark, Ashland or its subsidiaries,
registered in various countries 657252

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Ashland	Regulatory Information Number	1-800-325-3751
P.O. Box 2219	Telephone	614-790-3333
Columbus, OH 43216	Emergency telephone number	1-800-ASHLAND (1-800-274-5263)

Product name	Praestol™ K 290 FL FLOCCULANT ™ Trademark, Ashland or its subsidiaries, registered in various countries
Product code	657252
Product Use Description	Flocculating agent

2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance: liquid, white

CAUTION! MAY AFFECT THE CENTRAL NERVOUS SYSTEM CAUSING DIZZINESS, HEADACHE OR NAUSEA. PROLONGED OR REPEATED CONTACT MAY DRY THE SKIN AND CAUSE IRRITATION AND BURNS.

Potential Health Effects

Exposure routes

Inhalation, Skin absorption, Skin contact, Eye Contact, Ingestion

Eye contact

May cause mild eye irritation. Symptoms include stinging, tearing, and redness.

Skin contact

May cause mild skin irritation. Symptoms may include redness and burning of skin. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, and drying and cracking of skin, skin burns, and other skin damage.

Ingestion

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Suitable extinguishing media

Dry chemical, Carbon dioxide (CO₂), Water spray

Hazardous combustion products

carbon dioxide and carbon monoxide, nitrogen oxides (NO_x), Hydrocarbons

Precautions for fire-fighting

Wear full firefighting turn-out gear (full Bunker gear), and respiratory protection (SCBA). DO NOT direct a solid stream of water or foam into hot, burning pools of liquid since this may cause frothing and increase fire intensity. Frothing can be violent and possibly endanger any firefighter standing too close to the burning liquid. Use water spray to cool fire exposed containers and structures until fire is out if it can be done with minimal risk. Avoid spreading burning material with water used for cooling purposes.

NEPA Flammable and Combustible Liquids Classification

Combustible Liquid Class IIIB

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

For personal protection see section 8. Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.

Environmental precautions

Prevent spreading over a wide area (e.g. by containment or oil barriers). Do not let product enter drains. Do not flush into surface water or sanitary sewer system.

Methods for cleaning up

Keep in suitable, closed containers for disposal. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

Other information

Comply with all applicable federal, state, and local regulations.

7. HANDLING AND STORAGE

Handling

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Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed.

Storage

Store in a cool, dry, ventilated area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

ALIPHATIC HYDROCARBON		254504001-5164	
ACGIH	time weighted average	200 mg/m ³	Non-aerosol
NIOSH	Recommended exposure limit (REL):	100 mg/m ³	

General advice

These recommendations provide general guidance for handling this product. Personal protective equipment should be selected for individual applications and should consider factors which affect exposure potential, such as handling practices, chemical concentrations and ventilation. It is ultimately the responsibility of the employer to follow regulatory guidelines established by local authorities.

Exposure controls

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.

Eye protection

Not required under normal conditions of use. Wear splash-proof safety goggles if material could be misted or splashed into eyes.

Skin and body protection

Wear normal work clothing including long pants, long-sleeved shirts and foot covering to prevent direct contact of the product with the skin. Launder clothing before reuse. If skin irritation develops, contact your facility health and safety professional or your local safety equipment supplier to determine the proper personal protective equipment for your use. Wear resistant gloves (consult your safety equipment supplier).

Respiratory protection

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A NIOSH-approved air-purifying respirator with an appropriate cartridge and/or filter may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits (if applicable) or if overexposure has otherwise been determined. Protection provided by air-purifying respirators is limited. Use a positive pressure, air-supplied respirator if there is any potential for uncontrolled release, exposure levels are not known or any other circumstances where an air-purifying respirator may not provide adequate protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	liquid
Form	viscous
Colour	white
Odour	mild, hydrocarbon-like
Boiling point/boiling range	217 °F / 103 °C
Melting point/range	(<)5 °F / -15 °C
Sublimation point	no data available
pH	(ca.) 3.7 @ 10 g/l
Flash point	> 212 °F / > 100 °C Cleveland open cup
Ignition temperature	no data available
Evaporation rate	(<)1
Lower explosion limit/Upper explosion limit	no data available
Particle size	no data available
Vapour pressure	(<)35.000 hPa @ 68 °F / 20 °C
Relative vapour density	no data available
Density	(Approximate) 1.03 g/cm3
Bulk density	No data
Water solubility	soluble
Solubility(ies)	no data available
Partition coefficient: n-octanol/water	no data available
log Pow	no data available
Autoignition temperature	no data available
Viscosity, dynamic	(<)4,000.000 mPa.s @ 20 °C (>)7 mPa.s @ 40 °C
Viscosity, kinematic	(>)7 mm2/s @ 40 °C
Solids in Solution	no data available
Decomposition temperature	no data available
Burning number	no data available
Dust explosion constant	no data available
Minimum ignition energy	no data available

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10. STABILITY AND REACTIVITY

Stability

Stable.

Conditions to avoid

None known.

Incompatible products

Acids, Strong oxidizing agents, strong reducing agents

Hazardous decomposition products

carbon dioxide and carbon monoxide, nitrogen oxides (NO_x), Hydrocarbons

Hazardous reactions

Product will not undergo hazardous polymerization.

Thermal decomposition

No data

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity

ALIPHATIC HYDROCARBON

: LD 50 Rat: > 8,000 mg/kg

POLYMER

: LD 50 Rat: > 2,000 mg/kg

ALCOHOLS, C12-18, ETHOXYLATED >1<2.5MOLE

: LD 50 Rat: > 2,000 mg/kg

Acute inhalation toxicity

ALIPHATIC HYDROCARBON

: LC 50 Rat: > 2500 ppm; 4 h

POLYMER

: no data available

ALCOHOLS, C12-18, ETHOXYLATED >1<2.5MOLE

: no data available

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Acute dermal toxicity

ALIPHATIC HYDROCARBON : LD 50 Rabbit: > 4,000 mg/kg
POLYMER : no data available
ALCOHOLS, C12-18, ETHOXYLATED >1<2.5MOLE : no data available

12. ECOLOGICAL INFORMATION

Biodegradability

ALIPHATIC HYDROCARBON : no data available
POLYMER : no data available
ALCOHOLS, C12-18, ETHOXYLATED >1<2.5MOLE : no data available

Bioaccumulation

ALIPHATIC HYDROCARBON : no data available
POLYMER : no data available
ALCOHOLS, C12-18, ETHOXYLATED >1<2.5MOLE : no data available

Ecotoxicity effects

Toxicity to fish : 48 h LC 50 Pimephales promelas (fathead minnow):
11.00 mg/l
Toxicity to daphnia and other aquatic invertebrates. : 48 h LC 50 Water flea (Ceriodaphnia dubia): 1.75 mg/l
Toxicity to algae
ALIPHATIC HYDROCARBON : no data available
POLYMER : no data available

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ALCOHOLS, C12-18, ETHOXYLATED >1<2.5MOLE : no data available

Toxicity to bacteria
ALIPHATIC HYDROCARBON : no data available

POLYMER : no data available

ALCOHOLS, C12-18, ETHOXYLATED >1<2.5MOLE : no data available

Biochemical Oxygen Demand (BOD) : Biochemical oxygen demand: 383,000 mg/l

Chemical Oxygen Demand (COD) : 1,930,000 mg/l
Method: Chemical oxygen demand

Additional ecological information
ALIPHATIC HYDROCARBON : no data available

POLYMER : no data available

ALCOHOLS, C12-18, ETHOXYLATED >1<2.5MOLE : no data available

13. DISPOSAL CONSIDERATIONS

Waste disposal methods

Dispose of in accordance with all applicable local, state and federal regulations.

14. TRANSPORT INFORMATION

REGULATION

ID NUMBER	PROPER SHIPPING NAME	*HAZARD CLASS	SUBSIDIARY HAZARDS	PACKING GROUP	MARINE POLLUTANT /LTD. QTY.
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MEXICAN REGULATION FOR THE LAND TRANSPORT OF HAZARDOUS MATERIALS AND WASTES

Not dangerous goods

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INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER

Not dangerous goods

INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO

Not dangerous goods

INTERNATIONAL MARITIME DANGEROUS GOODS

Not dangerous goods

TRANSPORT CANADA - INLAND WATERWAYS

Not dangerous goods

TRANSPORT CANADA - RAIL

Not dangerous goods

TRANSPORT CANADA - ROAD

Not dangerous goods

U.S. DOT - INLAND WATERWAYS

Not dangerous goods

U.S. DOT - RAIL

Not dangerous goods

U.S. DOT - ROAD

Not dangerous goods

*ORM = ORM-D, CBL = COMBUSTIBLE LIQUID

Dangerous goods descriptions (if indicated above) may not reflect quantity, end-use or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

15. REGULATORY INFORMATION

California Prop. 65

Proposition 65 warnings are not required for this product based

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on the results of a risk assessment.	

SARA Hazard Classification

Acute Health Hazard

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

New Jersey RTK Label Information

WATER	7732-18-5
POLYMER	254504001-5464
ALIPHATIC HYDROCARBON	254504001-5164
NONIONIC SURFACTANT	
POLYMER	254504001-5817

Pennsylvania RTK Label Information

WATER	7732-18-5
POLYMER	254504001-5464
ALIPHATIC HYDROCARBON	254504001-5164

Notification status

US. Toxic Substances Control Act	y (positive listing)
Canada. Canadian Environmental Protection Act (CEPA).	q (quantity restricted)
Domestic Substances List (DSL). (Can. Gaz. Part II, Vol. 133)	
Australia. Industrial Chemical (Notification and Assessment)	y (positive listing)
Act	
New Zealand. Inventory of Chemicals (NZIoC), as published	n (Negative listing)
by ERMA New Zealand	
Japan. Kashin-Hou Law List	n (Negative listing)
Korea. Toxic Chemical Control Law (TCCL) List	y (positive listing)
Philippines. The Toxic Substances and Hazardous and Nuclear	y (positive listing)
Waste Control Act	
China. Inventory of Existing Chemical Substances	y (positive listing)

	HMIS	NFPA
Health	1	1

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Flammability	1	1
Physical hazards	0	
Instability		0
Specific Hazard	--	--

16. OTHER INFORMATION

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This MSDS has been prepared by Ashland's Environmental Health and Safety Department (1-800-325-3751).



5-24-11 United Oil Recovery Services TOSCA Visit

David Weber to: Paul Novak

Cc: Dave Brown, Bill Hinton

06/02/2011 01:37 PM

History: This message has been replied to.

6 attachments



Middletown Tanks Memo with attachments.pdf filter press cake 03 23 10 1353.pdf



Analytical of Fract tank and RS Used Oil Retain within fract tank.pdf



City of Middletown Discharge Permit 2010-2012.pdf UORS SPCC Plan 2-2009.pdf



UORS Tank Sludge 01 26 11 1337.pdf

Good afternoon Paul:

I left you a voicemail last Wednesday (5/25/11) late morning but failed to hear back from you....essentially I needed the specific sample time of the split sample taken for the UORS-S03-Holding Tank. I estimated that it would have been sampled at 1610 PM (and without hearing back from you, I labeled it as such on 5/25/11 when I prepared the chain-of-custody for Test America to run the samples. If you had documented a different time for this sampling event, can you please let me know?

In addition, I wanted to include copies of the five items you requested at the closing meeting on 5/24/11. In specific, you requested:

1. Analytical and contact information for RS Used Oil; (analytical is supplied above as 'fract tank and RS Used Oil Retain')
2. Copies of air quality documentation regarding de minimus exemptions for the facility; (Most recent documentation was from 9/2008 identified as 'Middletown Tanks Memo with Attachments')
3. Copies of recent TCLP analytical of the sludge from the wastewater facility; (Most recent TCLP of the sludge was from 1/2011; also supplied TCLP of filter cake from 3/2010)
4. Copy of Middletown Industrial User Permit; (attached from 2010-2012)

5. Title pages and PE signature page for current SPCC (from 2009)

1. Contact information on RS Used Oil

Mr Bill Kennedy
RS Used Oil Services Inc,
25903 South Ridgeland Avenue
Monroe Il 60449
708-534-9300

If you could get back to me on the sample time of that UORS – S03 Holding Tank, I would appreciate it. If we can provide anything else, please let us know.

Regards,

David Weber
Environmental Compliance Manager
United Wastewater Services